

## EAST Search History

Ref #	Hits	Search Query	DBs
S13	1	10/596481	US-PGPUB; USPAT
S14	1	"20070101817"	DERWENT
S15	7	"835957"	EPO; DERWENT
S16	7	"836957"	EPO; DERWENT
S17	2	"9838451"	EPO; DERWENT
S18	2	"9835094"	EPO; DERWENT
S19	9	hug and ((roll or roller or cylinder) with (vibrat\$6 or oscillat\$6)).ab.	US-PGPUB; USPAT
S20	61	hug and (roll or roller or cylinder).ti.	US-PGPUB; USPAT
S21	32	(hug.xp. or hug.xa.) and (roll or roller or cylinder).ti.	US-PGPUB; USPAT
S22	293	(oscillat\$6 or vibrat\$6 or shak\$6).ti. and (roll or roller or cylinder).ti.	US-PGPUB; USPAT
S23	109	(move or moving).ti. and (roll or roller or cylinder).ti.	US-PGPUB; USPAT
S24	402	S22 or S23	US-PGPUB; USPAT
S25	64	S24 and (paper or papermachine or papermak\$4)	US-PGPUB; USPAT
S26	67	(S22 or S23) and phase	US-PGPUB; USPAT
S27	1	"9108842"	DERWENT
S28	5	"92014"	DERWENT
S29	1	("3208292").PN.	USPAT
S30	393	"92014"	USPAT
S31	1	"0092014"	USPAT
S32	84	S30 and phase	USPAT
S33	120	(roll or roller or cylinder or drum) with (oscillat\$5 or vibrat\$5 or move or moving) with phase with motor	USPAT
S34	315	((roll or roller or cylinder or drum) with (oscillat\$5 or vibrat\$5 or move or moving)) and motor and (phase with (drive adj shaft\$2))	US-PGPUB; USPAT
S35	142	S34 and eccentric	US-PGPUB; USPAT
S36	24	S35 and (axial\$4 with (oscillat\$5 or vibrat\$5))	US-PGPUB; USPAT
S37	1	("4481835").PN.	USPAT
S38	5	"5560808"	USPAT
S39	13	"3208292"	US-PGPUB; USPAT; USOCR
S40	13	"3208292"	US-PGPUB;

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			USPAT; USOCR
S41	5	"5825663"	US-PGPUB; USPAT; USOCR
S42	8987	(oscillat\$6 or vibrat\$6 or shak\$6).clm. same(roll\$2 or roller\$2 or cylinder\$2 or drum\$2).clm.	US-PGPUB; USPAT
S43	8987	(oscillat\$6 or vibrat\$6 or shak\$6).clm. same (roll\$2 or roller\$2 or cylinder\$2 or drum\$2).clm.	US-PGPUB; USPAT
S44	8987	((oscillat\$6 or vibrat\$6 or shak\$6) same (roll\$2 or roller\$2 or cylinder\$2 or drum\$2)).clm.	US-PGPUB; USPAT
S45	9	((oscillat\$6 or vibrat\$6 or shak\$6) same (roll\$2 or roller\$2 or cylinder\$2 or drum\$2) same (mass or masses) same (drive\$2 or shaft\$2 or train\$2) same phase).clm.	US-PGPUB; USPAT
S46	95	((oscillat\$6 or vibrat\$6 or shak\$6) same (roll\$2 or roller\$2 or cylinder\$2 or drum\$2) same (drive\$2 or shaft\$2 or train\$2) same phase).clm.	US-PGPUB; USPAT
S47	20	((oscillat\$6 or vibrat\$6 or shak\$6) same (roll\$2 or roller\$2 or cylinder\$2 or drum\$2) same (mass or masses) same phase).clm.	US-PGPUB; USPAT
S48	250	((oscillat\$6 or vibrat\$6 or shak\$6) same (roll\$2 or roller\$2 or cylinder\$2 or drum\$2) same phase).clm.	US-PGPUB; USPAT
S49	113	((oscillat\$6 or vibrat\$6 or shak\$6) same (roll\$2 or roller\$2 or cylinder\$2 or drum\$2) same (mass or masses) same (drive\$2 or shaft\$2 or train\$2)).clm.	US-PGPUB; USPAT
S50	49064	(oscillat\$6 or vibrat\$6 or shak\$6) and (roll\$2 or roller\$2 or cylinder\$2 or drum\$2) and (eccentric\$5 or mass or masses) and phase	US-PGPUB; USPAT
S51	17378	S50 and paper\$8	US-PGPUB; USPAT
S52	7002	((oscillat\$6 or vibrat\$6 or shak\$6) with (roll\$2 or roller\$2 or cylinder\$2 or drum\$2)) and (eccentric\$5 or mass or masses) and phase	US-PGPUB; USPAT
S53	2028	((oscillat\$6 or vibrat\$6 or shak\$6) with (roll\$2 or roller\$2 or cylinder\$2 or drum\$2)) and (eccentric\$5 or mass or masses) and phase and paper\$8	US-PGPUB; USPAT
S54	197	((oscillat\$6 or vibrat\$6 or shak\$6) with (roll\$2 or roller\$2 or cylinder\$2 or drum\$2)) and (eccentric\$5 or mass or masses) and phase	EPO; JPO; DERWENT
S55	1906	((oscillat\$6 or vibrat\$6 or shak\$6) with (roll\$2 or roller\$2 or cylinder\$2 or drum\$2)) and (eccentric\$5 or mass or masses) and phase	USOCR
S56	2923	(S52 or S55) and (shaft or shafts or drive or drives or train or trains) and (gear or gears)	US-PGPUB; USPAT;

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			USOCR
S57	2351	S56 and (motor or motors)	US-PGPUB; USPAT; USOCR
S58	52	(S52 or S53 or S54 or S55 or S56) and ("162"/\$.cls. or D21F\$.ipc.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT